

10 30
 GTGAGATGGTGCCTTTCATGAATTCCTCCCAACAAGAGCCAAGCTCTCCATCTAGTGGAGAG
 70 90 110
 GGAAGCTAGCAGCAAACCTTCCCTTCACTACGAACTTCATTGCTTGGCCCCAAAAGAGAG
 130 150 170
 TTAATTCAATGTAGACATCTATGTAGGCAATTAAAAACCTATTGATGTATAAAACAGTTT
 190 210 230
 GCATTCATGGAGGGCAACTAAATACATTCTAGGACTTTATAAAAGATCACTTTTTATTTA
 250 270 290
 TGCACAGGGTGGAAACAAGATGGATTATCAAGTGTCAAGTCCAATCTATGACATCAATTAT
 M D Y Q V S S P I Y D I N Y
 310 330 350
 TATACATCGGAGCCCTGCCCAAAAATCAATGTGAAGCAAATCGCAGCCCGCCTCCTGCCT
 Y T S E P C P K I N V K Q I A A R L L P
 370 390 410
 CCGCTCTACTCACTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCATCCTCATC
 P L Y S L V F I F G F V G N M L V I L I
 430 450 470
 CTGATAAACTGCCAAAGGCTGGAGAGCATGACATCTACCTGCTCAACCTGGCCATC
 L I N C Q R L E S M T D I Y L L N L A I
 490 510 530
 TCTGACCTGTTTTTCTTCTTACTGTCCCCTTCTGGGCTCACTATGCTGCCGCCAGTGG
 S D L F F L L T V P F W A H Y A A A Q W
 550 570 590
 GACTTTGGAAATACAATGTGTCAACTCTTGACAGGGCTCTATTTTATAGGCTTCTTCTCT
 D F G N T M C Q L L T G L Y F I G F F S
 610 630 650
 GGAATCTTCTTCATCATCCTCCTGACAATCGATAGGTACCTGGCTATCGTCCATGCTGTG
 G I F F I I L L T I D R Y L A I V H A V
 670 690 710
 TTTGCTTTAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACTTGGGTG
 F A L K A R T V T F G V V T S V I T W V
 730 750 770
 GTGGCTGTGTTTGCCTCTCTCCCAGGAATCATCTTTACCAGATCTCAAAAAGAAGGTCTT
 V A V F A S L P G I I F T R S Q K E G L
 790 810 830
 CATTACACCTGCAGCTCTCATTTTCCATACAGTCAGTATCAATTCTGGAAGAATTTCCAG
 H Y T C S S H F P Y S Q Y Q F W K N F Q
 850 870 890
 ACATTAAAGATAGTCATCTTGGGGCTGGTCTGCCGCTGCTTGTCATGGTCATCTGCTAC
 T L K I V I L G L V L P L L V M V I C Y
 910 930 950
 TCGGGAATCCTAAAACTCTGCTTCGGTGTGCGAAATGAGAAGAAGAGGCACAGGGCTGTG
 S G I L K T L L R C R N E K K R H R A V
 970 990 1010
 AGGCTTATCTTACCATCATGATTGTTTATTTTCTTCTTCTGGGCTCCCTACAACATTGTC
 R L I F T I M I V Y F L F W A P Y N I V
 1030 1050 1070
 CTTCTCCTGAACACCTTCCAGGAATTCTTTGGCCTGAATAATTGCAGTAGCTCTAACAGG
 L L L N T F Q E F F G L N N C S S S N R
 1090 1110 1130
 TTGGACCAAGCTATGCAGGTGACAGAGACTCTTGGGATGACGCACTGCTGCATCAACCCC
 L D Q A M Q V T E T L G M T H C C I N P
 1150 1170 1190
 ATCATCTATGCCTTTGTGCGGGGAGAAGTTCAGAACTACCTCTTAGTCTTCTTCCAAAAG
 I I Y A F V G E K F R N Y L L V F F Q K
 1210 1230 1250
 CACATTGCCAAACGCTTCTGCAAATGCTGTTCTATTTTCCAGCAAGAGGCTCCCGAGCGA
 H I A K R F C K C C S I F Q Q E A P E R
 1270 1290 1310
 GCAAGCTCAGTTTACACCCGATCCACTGGGGAGCAGGAAATACTGTGGGCTTGTGACAC
 A S S V Y T R S T G E Q E I S V G L *
 1330 1350 1370
 GGACTCAAGTGGGCTGGTGACCCAGTCAGAGTTGTGCACATGGCTTAGTTTTTCATACACA

1390 1410
GCCTGGGCTGGGGGT TGAAGAGGTCTTTT

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FIGURE 1 2/2 325800 - 449

